

ABSTRACT

A system and method of responding to a request for information and requesting information including caching a compression dictionary, sending and receiving a request for information, compressing the request and requested information using the compression dictionary, decompressing the request and requested information, and sending the compressed request and compressed information. Further, compressing and decompressing information to and from an object model document such as DOM. A system and method for creating a compression dictionary, wherein the compression dictionary comprises document segments such as XML tags and character codes that represent the document segments when compressed.